| Notice of Allowability | Application No. | Applicant(s) | |
|---|---|---|---|
| | 10/002,880 | ESCHBACH ET AL. | |
| | Examiner | Art Unit | |
| | Linh LD Son | 2135 | |

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--*

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *Amendment dated 11/17/06*.

2. ☒ The allowed claim(s) is/are *1-27*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *Attached* .
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

## EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney Larry T. Cullen Registration No. 44,489 on 02/01/07.

The application has been amended as follows:

1. (Currently amended) A method of seamlessly transferring an ongoing communication session between a first device and a correspondent device on an IP network from the first device to a second device, the method comprising:

initiating a communication session between the first device and the correspondent device, the first device using a session specific IP address as the first device IP address, and being configured to allow a user to receive or send the communication session therefrom, whereby the correspondent device is configured ~~able~~ to communicate with the first device during the communication session;

negotiating to transfer the communication session from the first device to the second device, the second device being configured to allow a user to receive or send the communication session therefrom; and

transferring the first device IP address from the first device to the second device so that communication session data transferred from the correspondent device to the first device via the address thereof will be received by the second device,

wherein the step of transferring of the first device IP address comprises: transferring the session specific IP address from the first device to the second device so that data transferred from the correspondent device to the first device via the session specific address will be received by the second device.

9. (Currently amended) A method of seamlessly transferring an ongoing communication session between a first device and a correspondent device on an IP network from the first device to a second device, the method comprising:

requesting the initiation of a communication session between the correspondent device and the first device, the first device being configured to allow a user to receive or send the communication session therefrom, whereby the correspondent device is configured ~~able~~ to communicate with the first device during the communication session;

generating [[an]] a session specific IP address specifically for initiating the communication session between the correspondent device and the first device;

initiating the communication session between the correspondent device and the first device using the session specific IP address;

registering a desire to transfer the communication session from the first device to a second device, the second device being configured to allow a user to receive or send the communication session therefrom; and

transferring the session specific IP address from the first device to the second device so that data transferred from the correspondent device to the first device via the session specific IP address ~~thereof~~ will be received by the second device.

20. (Currently amended) A method for transferring an ongoing communication session in an IP network from a first node to a second node via use of an IP address without disrupting the communication session, the method comprising:

initiating a communication session request between a first node and a Correspondent Node using base IP addresses for the nodes, the first node being configured to allow a user to receive or send the communication session therefrom, whereby the Correspondent Node is able to communicate with the first node during the communication session;

generating a communication session specific IP address with which the communication session will be associated;

initiating a communication session between the first node and the Correspondent Node using the session specific IP address;

negotiating a transfer of the session specific IP address from the first node to a second node such that the second node will generally assume communicating with the Correspondent Node, the second node being configured to allow a user to receive or send the communication session therefrom;

generating a Proxy ARP message to bind a link-layer address associated with the second node to the session specific IP address so that the second node can intercept the communications pertaining to the session specific IP address; and

intercepting the communications addressed to the session specific IP address via the second node such that the communication session with the Correspondent Node continues without interruption,

wherein the step of negotiating a transfer includes: transferring the session specific IP address from the first node to the second node so that data transferred from the Correspondent Node to the first node via the session specific address will be received by the second node.

21. (Currently amended) A method of transferring [[a]] an ongoing communication session between a Transferring Node and a Correspondent Node from the Transferring Node to a Target Node without disrupting the communication session, the method comprising:

initializing a communication session between a Correspondent Node and a Transferring Node by having the Correspondent Node contact the Transferring Node via a permanent IP address assigned to the Transferring Node, the Transferring Node being configured to allow a user to receive or send the communication session therefrom, whereby the Correspondent Node is configured ~~able~~ to communicate with the Transferring Node during the communication session;

obtaining a session specific IP address for the initialized communication session;

mapping the session specific IP address to the Transferring Node's permanent IP address;

notifying the Correspondent Node of the session specific IP address for the initialized communication session;

communicating between the Correspondent Node and the Transferring Node via the session specific IP address; and

transferring the session specific IP address from the Transferring Node to the Target Node when a session transfer is ready to occur, the Target Node being configured to allow a user to receive or send the communication session therefrom,

wherein the step of transferring the session specific IP address includes transferring the session specific IP address from the Transferring Node to the Target Node so that data transferred from the Correspondent Node to the Transferring Node via the session specific address will be received by the Target Node.

24. (Currently amended) A system for seamlessly transferring an ongoing communication session between different devices on an IP network occurring between a remote information source and one of the devices, the system comprising:

a first device having a first IP address that is used to direct packets intended for receipt by the first device from the remote source over the network to the first device, the first device being configured to allow a user to receive or send the communication session therefrom, whereby the remote source is configured ~~able~~ to communicate with the first device during the communication session;

a second device having a second IP address that is used to direct packets intended for receipt by the second device from the remote source over the network to the second device, the second device being configured to allow a user to receive or send the communication session therefrom;

a switch associated with the first device and the second device operable to enable the second device to receive at least certain ones of the packets intended for the first device from the remote information source for seamless session transfer between the device;

an Agent for intercepting the packets directed to the first device at the first IP address and transferring the session ~~these sessions~~ to the second device;

an IP address generator for generating a session specific IP address which the remote information source and the first device use to conduct the session of communication; and

a session specific IP address generated by the IP address generator,

wherein the Agent for intercepting intercepts the packets directed to the first device uses the session specific IP address so that data transferred from the remote source to the first device via the session specific address will be received by the second device.

25. (Currently amended) A system for seamlessly transferring an ongoing communication session on an IP network, the system comprising:

a Correspondent Node for transmitting and receiving packets of data within a communication session;

a Transferring Node having a Transferring Node IP address and a session specific IP address, the Transferring Node being capable of participating in the communication session with the Correspondent Node, and being configured to allow a user to receive or send the communication session therefrom;

a Target Node capable of participating in the communication session with the Correspondent Node, and being configured to allow a user to receive or send the communication session therefrom; and

an IP network capable of transferring the communication session between the Correspondent Node and the Transferring Node from the Transferring Node to the Target Node by transferring the session specific IP address from the Transferring Node to the Target Node thereby allowing the Transferring Node to continue to participate in communication sessions via its Transferring Node IP address,

wherein transferring the session specific IP address from the Transferring Node to the Target Node directs data transferred from the Correspondent Node to the Transferring Node via the session specific address to be received by the Target Node.

26. (Currently amended) A system according to claim 25, wherein the system further comprises: an Agent for intercepting the communication session directed to the session specific IP address and transferring the session ~~these sessions~~ to the Target Node located on a foreign subnet.

27. (Currently amended) A method for transferring an ongoing communication session in an IP network from a first node to a second node via use of an IP address without disrupting the communication session, the method comprising:

initiating a communication session request between a first node and a Correspondent Node using base IP addresses for the nodes, the first node being configured to allow a user to receive or send the communication session therefrom, whereby the Correspondent Node is configured ~~able~~ to communicate with the first node during the communication session;

generating a communication session specific IP address with which the communication session will be associated;

initiating a communication session between the first node and the Correspondent Node using the session specific IP address;

negotiating a transfer of the session specific IP address from the first node to a second node such that the second node will generally assume communicating with the Correspondent Node, the second node being configured to allow a user to receive or send the communication session therefrom;

notifying an Agent about the transfer so that the Agent can intercept communications addressed to the session specific IP address and forward the communications to the second node; and

intercepting and forwarding the communications addressed to the session specific IP address to the second node such that the communication session with the Correspondent Node continues without interruption,

wherein the step of negotiating a transfer includes transferring the session specific IP address from the first node to the Agent so that data transferred from the Correspondent Node to the first node via the session specific address will be received by the second node.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Linh LD Son whose telephone number is 571-272-3856. The examiner can normally be reached on 9-6 (M-F).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu can be reached on 571-272-3859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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Examiner
Art Unit 2135

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